

A<sup>1</sup>  
cont an ester group, an epoxy group, a carboxyl group, a hydroxyl group, a carbohydrate, a tyrosine group, a cysteine group, a histidine group and combinations thereof.

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21. (Amended) The compound of claim 1 wherein polyethylene glycol is covalently attached to uricase at one or more lysine residues.

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A<sup>2</sup> 22. (Amended) A method of enhancing the circulating half life of uricase comprising modifying said uricase by covalently bonding said uricase via a linking group to polyethylene glycol, wherein the polyethylene glycol has a total weight average molecular weight of about 15,000 to about 30,000 and wherein the linking group is selected from the group consisting of a succinimide group, an amide group, an imide group, a carbamate group, an ester group, an epoxy group, a carboxyl group, a hydroxyl group, a carbohydrate, a tyrosine group, a cysteine group, a histidine group and combinations thereof.

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A<sup>3</sup> 39. (Amended) A compound comprising uricase coupled to polyethylene glycol, wherein the polyethylene glycol has a total weight average molecular weight of about 15,000 to about 30,000.

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Please cancel claims 13 to 20, 26 to 30, 38, and 44 to 47, without prejudice.

#### REMARKS

Claims 1 to 47 are pending in the application. Claims 1, 21, 22, and 39 have been amended, and claims 13 to 20, 26 to 30, 38, and 44 to 47 have been cancelled, herein.